


```
Db 241 TTCTAGGAGATCTGTGCTGTTGTTGGTGGTGGTTCCTCCACATCCGAGGTCGCGAAT 300
QY 301 GGGACAGGATGTTGGATTACGTCGAGAGAAACCGCGTCTTTGTATCATCCAGGTTTC 360
Db 301 GGGACAGGATGTTGGATTACGTCGAGAGAAACCGCGTCTTTGTATCATCCAGGTTTC 360
QY 361 CTAGCTCGAGATAGGAATTTGATGTTGGAATGGAGATCAAGAAAGGTTGGGAGACAAGG 420
Db 361 CTAGCTCGAGATAGGAATTTGATGTTGGAATGGAGATCAAGAAAGGTTGGGAGACAAGG 420
QY 421 TGGAAATTTGGCTCTTTAAATTCCTGATCAAGATATTATCATGCTTGGTGGATCAAGAAT 480
Db 421 TGGAAATTTGGCTCTTTAAATTCCTGATCAAGATATTATCATGCTTGGTGGATCAAGAAT 480
QY 481 GAAAGGGAGACATTTCTCTACAGTCCAGTTTGGTGGCTAGCCAGCTGGAGAAATG 540
Db 481 GAAAGGGAGACATTTCTCTACAGTCCAGTTTGGTGGCTAGCCAGCTGGAGAAATG 540
QY 541 ACTGTGTCATCAGAGAAAGGCTGATGATGGTATTAAAGCAGCGACTTTACTGAAG 600
Db 541 ACTGTGTCATCAGAGAAAGGCTGATGATGGTATTAAAGCAGCGACTTTACTGAAG 600
QY 601 AGGCAGCTGAGATCTACCGATGATTAGAAGTGAAGCGGATATTGTTCCAGGGAAAT 660
Db 601 AGGCAGCTGAGATCTACCGATGATTAGAAGTGAAGCGGATATTGTTCCAGGGAAAT 660
QY 661 TTGGGCTGTTGAGTGAAGCATATGATGTTGGCGGAAGTATGTCGAGAGATGCAAG 720
Db 661 TTGGGCTGTTGAGTGAAGCATATGATGTTGGCGGAAGTATGTCGAGAGATGCAAG 720
QY 721 ACATTTTACTTAGGAACCAAGCTAATGATCCCGAGAGAGAAAGAGCTATCTGGCAATA 780
Db 721 ACATTTTACTTAGGAACCAAGCTAATGATCCCGAGAGAGAAAGAGCTATCTGGCAATA 780
QY 781 TATGTGTGTCGAGGAAACGATGATGTTGATGCGCTTAATGCATCCACATAACT 840
Db 781 TATGTGTGTCGAGGAAACGATGATGTTGATGCGCTTAATGCATCCACATAACT 840
QY 841 CCGCAAGCTTTAGATGTTGGAGACCGAGCTGTTGATGCGCTTAATGCATCCACATAACT 900
Db 841 CCGCAAGCTTTAGATGTTGGAGACCGAGCTGTTGATGCGCTTAATGCATCCACATAACT 900
QY 901 GATATGCTTGATGCTGCTTTATCCCATGCTCTCCAGATTTCCCTGTTGATATTGAGCA 960
Db 901 GATATGCTTGATGCTGCTTTATCCCATGCTCTCCAGATTTCCCTGTTGATATTGAGCA 960
QY 961 TTCAGAGATATGATTGAAGGAATGCGTATGGACTTGTGGAATCCAGATACAAAATTC 1020
Db 961 TTCAGAGATATGATTGAAGGAATGCGTATGGACTTGTGGAATCCAGATACAAAATTC 1020
QY 1021 GATGAGCTATATCTCTATTTGTTACTATGTTGCTGCTACTGTAGGATGATGAGTGTCCA 1080
Db 1021 GATGAGCTATATCTCTATTTGTTACTATGTTGCTGCTACTGTAGGATGATGAGTGTCCA 1080
QY 1081 GTTATGGTATGTCACCTGAATCAAGCAACAGAGAGTATATAATGCTGCTTTG 1140
Db 1081 GTTATGGTATGTCACCTGAATCAAGCAACAGAGAGTATATAATGCTGCTTTG 1140
QY 1141 GCTTTAGGCTTTGCAAAATCAACTAATATCTACAGATGTTAGGAGAGATGCCAGA 1200
Db 1141 GCTTTAGGCTTTGCAAAATCAACTAATATCTACAGATGTTAGGAGAGATGCCAGA 1200
QY 1201 AGAGGAAGAGTATATCTGCTCAAGATGAATTTAGCAGGAGGCTCTCCGACGAAGAC 1260
Db 1201 AGAGGAAGAGTATATCTGCTCAAGATGAATTTAGCAGGAGGCTCTCCGACGAAGAC 1260
QY 1261 ATATTGCTGGAAGAGTACTGATTAAGTGGAGAACTTTATGAAGAAACAATTCAGAGG 1320
Db 1261 ATATTGCTGGAAGAGTACTGATTAAGTGGAGAACTTTATGAAGAAACAATTCAGAGG 1320
QY 1321 GCGAGGAATTTCTTGTGATGAGTCAGAGAAAGGTGTCAGAGACTGACTCTGCTAGTAGA 1380
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Db 1321 GCGAGGAATTTCTTGTATGATGAGTCAGAGAAAGGTGTCACAGAACTGGACTCTGCTAGTAGA 1380
QY 1381 TGGCCTGTGTTTAAACAGCGCTGCTGTGTTATCGCAAGATATTGGACGAGATTGGAAGCCAAC 1440
Db 1381 TGGCCTGTGTTTAAACAGCGCTGCTGTGTTATCGCAAGATATTGGACGAGATTGGAAGCCAAC 1440
QY 1441 GACTACACAACCTTCCACAGGAGGCTTATGTTAGCAACCAAGAGCTTCTCAGCTTG 1500
Db 1441 GACTACACAACCTTCCACAGGAGGCTTATGTTAGCAACCAAGAGCTTCTCAGCTTG 1500
QY 1501 CCATTGTTTATGCAAAATCTCTTGTGCCCCCTAATAGAACTTCCCTCCACTAGCAAG 1560
Db 1501 CCATTGTTTATGCAAAATCTCTTGTGCCCCCTAATAGAACTTCCCTCCACTAGCAAG 1560
QY 1561 ACATGAATGAAGTAGTGTGAGTCAATGAGTATTATACACTAAAGAACTCAGGTACTTGTA 1620
Db 1561 ACATGAATGAAGTAGTGTGAGTCAATGAGTATTATACACTAAAGAACTCAGGTACTTGTA 1620
QY 1621 AATGAGATATCTTTGCTAAATGTTGATCATCAAAAGTATGTTAAATTCATATGACA 1680
Db 1621 AATGAGATATCTTTGCTAAATGTTGATCATCAAAAGTATGTTAAATTCATATGACA 1680
QY 1681 ATCTCTTGGTAGAATATTTCTCCACACTCATCAAAACCTCAAGTGAG 1728
Db 1681 ATCTCTTGGTAGAATATTTCTCCACACTCATCAAAACCTCAAGTGAG 1728
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RESULT 2

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US-09-847-081B-3
; Sequence 3, Application US/09847081B
; Patent No. US20020128464A1
; GENERAL INFORMATION:
; APPLICANT: BAYER AG
; TITLE OF INVENTION: DNA encoding the tobacco phytoene synthase
; FILE REFERENCE: Le A 34 326
; CURRENT APPLICATION NUMBER: US/09/847,081B
; CURRENT FILING DATE: 2001-05-02
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 1712
; TYPE: DNA
; ORGANISM: Nicotiana tabacum
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (333)..(1565)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 135, 139
; OTHER INFORMATION: Xaa is unknown or other
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 51
; OTHER INFORMATION: n can be any nucleotide
US-09-847-081B-3
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Query Match 49.6%; Score 857.8; DB 10; Length 1712;
Best Local Similarity 76.7%; Pred. No. 4.6e-233;
Matches 1206; Conservative 2; Mismatches 265; Indels 100; Gaps 9;

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QY 132 GTGGATATCTACAAGTATTGGTGTGTTGATAAAATAGCGTGGAGGTGAGGTAACATAA 191
Db 218 GAGTAAATTTATTAATTTTATTAATTAAGCAGAGAGGAAGGAAGAAACAGAAACAGAA 277
QY 192 AGGAAGACAAAACCTTGGAAATTTGTTAGACCACCGAGGTTCTTGTTCATGAGCAT 251
Db 278 AGTAAGACAAAACCTTGGAAATTTGTTAGAAAGCCAAGGTTTCTCTGTTCAA---AT 334
QY 252 GTCTCTGCTTTGTTGTTGTTGTTTCTCCACTTCCGAGGTCCTCAATGGGACAGATT 311
Db 335 GTCTCTGCTTTGTTGTTGTTGTTTTCAC---CTTGTGAAGTCTCAATGGGACAGATT 391
QY 312 GTTGGATTAGTCCGAGAGAGAAACCGCGTCTTTGTTATCATCAGGTTCTCTAGCTCGAG 371
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QY 550 TCAGAGAAAAGGTATGATGTGTTAAAGCAGGAGGCTTTAGTGAAGAGGAGCTG 609
Db 229 TCAGAACAGATGCTATGATGTGTTTGGAGCAGGAGGCTTTGTTGAAGAGCACTG 288
QY 610 AGATCTACCGATATTAGAGTGAAGCGGATATGTTTCCAGGAAATTTGGCGTTG 669
Db 289 AGATCTACCAATGAGTATGAGTGAAGCGGATATACCTATTCGGGGAATTTGGCGTTG 348
QY 670 TTGAGTGAAGCATATGATGCTTGTGCGGAAGTATGTCAGAGTATGCAAGACATTTTAC 729
Db 349 TTGAGTGAAGCATATGATGAGTGTGTTGAGTATGTCAGAGTATGCAAGACGTTTAAAC 408
QY 730 TTAGGAACCAAGCTAATGACCCAGAGAGAGAGCTATCTGGGCAATATATGTTGG 789
Db 409 TTAGGAACCTATCTAATGACTCCCGAGAGAGAGGCTATCTGGGCAATATATGTTGG 468
QY 790 TCAGAGAACGGATGAGCTTGTGATGGCCCTAATGATCCCAATCAACTCCGCAAGCT 849
Db 469 TCAGAGAACAGATGAATGTTGTTGATGCCCAACAGCATATATATACCCCGCAGCC 528
QY 850 TTAGATAGTGGGACAGGCTGGAAGATATTTTCACTGGCGGCCATTTGATATGCTT 909
Db 529 CTAGATAGTGGGAATAAGCTAGAGATGTTTCAATGGCGGCCATTTGACATGCTC 588
QY 910 GATGCTGCTTTATCCGATACTCTCCAGATTTCTGTTGATATTCAGCCATTCAGAGAT 969
Db 589 GATGCTGCTTTGTCGATACAGTTTCTAATCTTCAGTTGATATTCAGCCATTCAGAGAT 648
QY 970 ATGATTGAAGGAATCGGTATGAGCTTTGGAATCCAGATACAAACTTTCCGATGAGCTA 1029
Db 649 ATGATTGAAGGAATCGGTATGAGCTTTGGAATCCAGATACAAACTTTCCGACCACTA 708
QY 1030 TATCTCTATGTTACTATCTGCTGCTAGTATGATGAGTATGATGAGTATGAGTATGAGT 1089
Db 709 TACCTTTATGTTATATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 768
QY 1090 ATTGCACCTGAATCAAGGCAACACAGAGAGTATATATGCTGCTTTGGCTTTAGGG 1149
Db 769 ATCGCCCTGATCAAGGCAACACAGAGAGCTATATATGCTGCTTTGGCTTTAGGG 828
QY 1150 CTTGCAATCAACTAACCAATATCTCAGAGATGTTAGAGAGATGCCAGAGAGGAAGA 1209
Db 829 ATCGCAATCAACTAACCAATATCTCAGAGATGTTAGAGAGATGCCAGAGAGGAAGA 888
QY 1210 GTATATCTGCTCAGATGAATATGACAGGAGGCTCTCGGAGAGAGATATTTGCT 1269
Db 889 GTCTACTTCTGCTCAGATGAATATGACAGGAGGCTCTATCCGATGAAGATATTTGCT 948
QY 1270 GGAAGAGTACTGATGAAGTGGAGGAATTTATGAAGAAACAAATTCAGAGGCGAGGAAA 1329
Db 949 GGAAGGTCACCGATGAATGGAGATCTTTATGAAGAAACAAATATAGGCAAGAAAG 1008
QY 1330 TTCTTTGATGAGTACAGAAAGGTTCTACAGAACTGGACTGCTGCTAGTAGAGGCTGCTG 1389
Db 1009 TTCTTTGATGAGGACAGAAATGGCTGACAGAAATGAGCTAGTATATTTCCCTGTA 1068
QY 1390 TTAACAGGCTCTGCTGCTGATGCGAAGATATGAGAGAGATGAGCCCAACAGCTACAAAC 1449
Db 1069 TGGGCACTTTGGCTTTGACCGCAAAATCTAGATGAGATGAGCCCAATGACTACAAAC 1128
QY 1450 AACTTCACAAGAGGCTTATGTTAGCAAGCCAAAGAGCTTCTCACCTTGGCCATTTGCT 1509
Db 1129 AACTTCACAAGAGGACATATGAGCAAAATCAAGAAAGTTGATGCAATACCTATTGCA 1188
QY 1510 TATGCAAAATCTTTGTCGCCCTTAATGAACTTCTCTCCACTAGCAAA 1559
Db 1189 TATGCAAAATCTTTGTCGCCCTCAAAAACACTGCTCTCTTCAAAAGATA 1238

RESULT 4

US-09-938-842A-729

; Sequence 729, Application US/09938842A

; Patent No. US20020160378A1

GENERAL INFORMATION:

; APPLICANT: Harper, Jeff

; APPLICANT: Kreps, Joel

; APPLICANT: Wang, Xun

; APPLICANT: Zhu, Tong

; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAININ

; FILE REFERENCE: SCRIP1300-3

; CURRENT APPLICATION NUMBER: US/09/938,842A

; CURRENT FILING DATE: 2001-08-24

; PRIOR APPLICATION NUMBER: US 60/227,866

; PRIOR FILING DATE: 2000-08-24

; PRIOR APPLICATION NUMBER: US 60/264,647

; PRIOR FILING DATE: 2001-01-16

; PRIOR APPLICATION NUMBER: US 60/300,111

; PRIOR FILING DATE: 2001-06-22

; NUMBER OF SEQ ID NOS: 5379

; SEQ ID NO 729

; LENGTH: 1269

; TYPE: DNA

; ORGANISM: Arabidopsis thaliana

; US-09-938-842A-729

Query Match

Best Local Similarity 33.5%; Score 578.4; DB 9; Length 1269;

Matches 766; Conservative 0; Mismatches 281; Indels 9; Gaps 1;

QY 474 AAGAACTGAAAGGGAAGCACTTTCTCTGTACAGTCCAGTTTGGTGGCTAGCCAGCTGG 533
Db 177 AAGAAACCGAAGTAGAAGAATTTGGTGTCTTCAAGCTTAGTAGCAAGTCTTCTCG 236
QY 534 AGAATGACTGTGTCATCAGAGAAAAGGTATGATGTGGTATTTAAACAGGACGCTTT 593
Db 237 AGAGATGCTCTTTCATCTGAAGAGAGGTTTACAAATGTTGTGTTGAAACAAGCTCTT 296
QY 594 AGTGAAGAGGAGCTGAGATCTAC-----CGATGATTTAGAGTGAAGCCGGATAT 644
Db 297 GGTGAACAACAGCTPAAGTCTTCTTATGACCTTGTATGAAGAAACCAACAGATGT 356
QY 645 TGTGTTCCAGGAAATTTGGGCTTGTGAGTGAAGCATATGATCGTTGTGGGCAAGTATG 704
Db 357 TGTCTCTCTGGAGCTTTGAGTTTGTGGGTGAAGCTTATGATCGATCGGTGAAGTTTG 416
QY 705 TGCAGAGTATGCAAGACATTTTACTTAGGAACCAAGCTTAATGACCCAGAGAGAGAAG 764
Db 417 CGCTGAATATGCTAAGACGCTTTTATCTTTGGAACCTTGTGATGACACCCGAAAGCGAAA 476
QY 765 AGCTATCTGGGCAATATATGCTGTGTCAGAGGAAGCGGATGAGCTTGTGATGGCCCTAA 824
Db 477 GCGATTTGGGCAATCTAGCTTTGGTGTGAAGAACTGTAGAACTTGTGGATGGGCCAAA 536
QY 825 TGCAATCCACATAACTCCGCAAGCTTTAGATAGTGGGAGACAGGCTTGGAGATATTTT 884
Db 537 TGCTTCACATATACTCCCATGGCTTTAGATAGTGGGAAGCAAGGTTAGAAGATCTTT 596
QY 885 CAGTGGGCGGCAATTTGATATGCTTGTGCTCTTATCCGATFACTGTCTCCAGATTTCC 944
Db 597 CCGTGGTCTGCTCTTCGATATGCTTGTGCTCTCTCTGCTGATACAGTTTGTAGATACCC 656
QY 945 TGTTCATATTCAGCCATTTCAGAGATATGATTGAAGGAATGCGTATGAGCTTTGTGGAATC 1004
Db 657 GGTGATATTCAGCCATTTCAGAGATATGATTGAAGGAATGAGATGAGCTTTGNAGAAATC 716
QY 1005 CAGATACAAATTTTCGATGAGCTATATCTTATTTACTATGTTGCTGGTACTGTAGG 1064
Db 717 GAGATACCAAGAACTTCGATGATCTATCTTACTGCTACTACGTCGCTGGAACCGCTGG 776
QY 1065 ATTGATGAGTGTCCAGTTATGGGTATTCACCTGATCAAGGCAAGCAACAGAGAGTGT 1124
Db 777 ATTGATGAGCGTTCGGTTATGGGAATCGATCTTAAGTCGAAGCAACCAACGAAAGTGT 836
QY 1125 ATATAATGCTGTTTGGGCTTTTAGGGCTTCAAAATCAACTTAACCAATATATCTCAGAGATGT 1184

Db	837	TTTAAACGCTGGCTTGGCCCTTGGTATAGCCAAATCAGCTTACTAACATACTCAGAGACGT	896
QY	1185	AGGAGAAGATGCCAAGAAGGAGTAGTATCTTGCTCAAGATGAATTAGCACAGGCAGG	1244
Db	897	AGCGAAGATCGGAGAAGGAAGGTTTATCTGCTCAGGATGAAATGGCTCAGGCTGG	956
QY	1245	GCTCTCCGACGAAGACATATTTGCTGGGAAGTAGTACTGATAAGTGGAGGAACTTTATGAA	1304
Db	957	TCCTTCAGATGAAGACATATTCGCCGGAAGTAAGTACTGATNAATGGAGAACTTCATGAA	1016
QY	1305	GAACAATAATCAGAGGCCGACGAGAAATTCCTTGTAGTGCACAGAAAGGTGTCACAGAACT	1364
Db	1017	AATGCAGCTTAAACAGCAAGAAATGTTCTTCGACGAAGCTCAGAAGAAGCCGCTCACCGAGCT	1076
QY	1365	GGACTCTGCTAGTAGAGCCCTGTGTTAACAGCGCTGCTTGTATCGCAAGATATTGGA	1424
Db	1077	CAGTGGCGCTAGCAGATGGCCCTGTATGGGCTTCATTGCTATTGTACAGGAGAACTCTGGA	1136
QY	1425	CGAGATTGAAGCCACGACTACAACAACCTTCACAGGAGGCGCTTATGTTAGCAAGCCAAA	1484
Db	1137	CGAGATTGAAGCGAATGATTACAACAATTTTACTAAGAGAGCTTATGTGGGGAAGTCAA	1196
QY	1485	GAAGCTTCTCACCCTGGCCCATTTGCTTATGCAAAATC	1520
Db	1197	GAATAATTGACGTTTGGCAATGGCTTATGCTAAATC	1232

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RESULT: 5
US-10-103-450-12
; Sequence 12, Application US/10103450
; Patent No. US20020155605A1
; GENERAL INFORMATION:
; APPLICANT: KUMAGAI, MONTO H.
; APPLICANT: Gella-CIOPPA, GUY R.
; APPLICANT: DONSON, JONATHAN
; APPLICANT: HARVEY, DAMON A.
; APPLICANT: GRILL, LAURENCE R.
; TITLE OF INVENTION: THE CYTOPLASMIC INHIBITION OF GENE
; TITLE OF INVENTION: EXPRESSION BY VIRAL RNA
; FILE REFERENCE: 008010086US02
; CURRENT APPLICATION NUMBER: US/10/103,450
; CURRENT FILING DATE: 2002-03-20
; PRIOR APPLICATION NUMBER: 09/436,068
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 08/260,546
; PRIOR FILING DATE: 1994-06-16
; PRIOR APPLICATION NUMBER: 08/184,237
; PRIOR FILING DATE: 1994-01-19
; PRIOR APPLICATION NUMBER: 07/923,692
; PRIOR FILING DATE: 1992-07-31
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 114
; TYPE: DNA
; ORGANISM: Tomato mosaic virus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (28)...(114)
US-10-103-450-12

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RESULT 6
US-10-137-765-9
; Sequence 9, Application US/10137765
; Publication No. US20030028926A1
; GENERAL INFORMATION:
; APPLICANT: KUMAGAI, Monto H.
; APPLICANT: DELLA-CIOPPA, Guy R.
; APPLICANT: ERWIN, Robert L.
; APPLICANT: MCGEE, David R.
; TITLE OF INVENTION: METHOD OF COMPILING A FUNCTIONAL GENE PROFILE BY
; TITLE OF INVENTION: TRANSFECTING A NUCLEIC
; TITLE OF INVENTION: ACID SEQUENCE OF A NON-PLANT DONOR INTO A HOST PLANT IN A
; TITLE OF INVENTION: ORIENTATION.
; FILE REFERENCE: 008010137US07
; CURRENT APPLICATION NUMBER: US/10/137,765
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US/09/359,300A
; PRIOR FILING DATE: 2002-04-29
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 9
; LENGTH: 114
; TYPE: DNA
; ORGANISM: Tomato mosaic virus
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (28)...(115)

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RESULT 7
US-10-146-337-9
: Sequence 9, Application US/10146337
: Publication No. US20030041355A1
: GENERAL INFORMATION:
: APPLICANT: KUMAGAI, Monto H.
: APPLICANT: DELLA-CIOPPA, Guy R.
: APPLICANT: ERWIN, Robert L.
: APPLICANT: MCGEE, David R.
: TITLE OF INVENTION: METHOD OF COMPILING A FUNCTIONAL GENE PROFILE BY
: TITLE OF INVENTION: TRANSFECTING A NUCLEIC
: TITLE OF INVENTION: ACID SEQUENCE OF A NON-PLANT DONOR INTO A HOST PLANT IN A
: TITLE OF INVENTION: ORIENTATION
: FILE REFERENCE: 008010137US07
: CURRENT APPLICATION NUMBER: US/10/1146.337
: CURRENT FILING DATE: 2002-05-14
: PRIOR APPLICATION NUMBER: US/09/359,300
: PRIOR FILING DATE: 2002-04-29
: NUMBER OF SEQ ID NOS: 71
: SOFTWARE: FastSEQ for Windows Version 3.0
: SEQ ID NO 9
: LENGTH: 114
: TYPE: DNA
: ORGANISM: Tomato mosaic virus
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (28)...(115)
US-10-146-337-9

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Db 465 TATTACAAACTTTATCAATAGTGTAAATCTCTAAATGTAAATATAATCTGGATTT 406
QY 157 TTGATAAAATAGGCTGAGGTGAGATACATAAAGGAAGACAAAACCTTGGGAATTG 216
Db 405 ATACAAAATACCTCTAAAGTACAAATGTAAGTTAAATGCTGAATAAAACATTTTCACCTT 346
QY 217 TTTTAG 222
Db 345 TTCCAG 340

RESULT 11

US-10-017-754-1310/C
; Sequence 1310, Application US/10017754
; Publication No. US20030034363A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, Robert A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Watanabe, Yoshihito
; APPLICANT: Johnson, Jeffrey C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Marnierakis, Margarita
; APPLICANT: Carter, Darrick
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: McNabb, Andria
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.478C18
; CURRENT APPLICATION NUMBER: US/10/017,754
; CURRENT FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 2004
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1310
; LENGTH: 534
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 480..490
; OTHER INFORMATION: n = A,T,C or G
US-10-017-754-1310

Query Match 2.4%; Score 41.2; DB 9; Length 534;
Best Local Similarity 57.9%; Pred. No. 0.17;
Matches 73; Conservative 0; Mismatches 53; Indels 0; Gaps 0;
QY 97 TTTTATAAATCGTTGAATAGTGGATAGACTCTAGTGGATATCTACAAGTATTGGTTT 156
Db 465 TATTACAAACTTTATCAATAGTGTAAATCTCTAAATGTAAATATAATCTATGGAATTT 406
QY 157 TTGATAAAATAGGCTGAGGTGAGATACATAAAGGAAGACAAAACCTTGGGAATTG 216
Db 405 ATACAAAATACCTCTAAAGTACAAATGTAAGTTAAATGCTGAATAAAACATTTTCACCTT 346
QY 217 TTTTAG 222
Db 345 TTCCAG 340

RESULT 12

US-09-938-842A-2919
; Sequence 2919, Application US/09938842A
; Patent No. US20020160378A1
; GENERAL INFORMATION:
; APPLICANT: Harper, Jeff
; APPLICANT: Kreps, Joel
; APPLICANT: Wang, Xun
; APPLICANT: Zhu, Tong
; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING
; FILE REFERENCE: SCRIPI300-3

; CURRENT APPLICATION NUMBER: US/09/938,842A
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 60/227,866
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: US 60/264,647
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/300,111
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 5379
; SEQ ID NO 2919
; LENGTH: 400
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-938-842A-2919

Query Match 2.4%; Score 41; DB 9; Length 400;
Best Local Similarity 50.2%; Pred. No. 0.16;
Matches 101; Conservative 0; Mismatches 100; Indels 0; Gaps 0;

QY 73 GTCGGTTCACTTTCTTATATCCGATTTTATATCGTTGAAATAGTGATAGACTCTAG 132
Db 103 GTCGTATCGTTGCTTATTCCTGATTGGATAAAGCTTCAATTTTCTCCAAATTTTG 162
QY 133 TGGATATCTACAAGTATTGGTTTTTGTATATAAATAGCGTGAGGTGAGAAGGTACATAAA 192
Db 163 TCGAAAATGTAAACATTTTGTCTCCACTGTGAGATTGTCACACAGCATTTCTTAAA 222
QY 193 GGAAGACAAAACCTTGGGATTTTGTAGACCACCGAGTTCTTTTTCATGAGCATG 252
Db 223 GAAATGAGACGAATTTTGAACACGATTTATAAAATAGTATTTTGTCTTCTTGAGCTTA 282
QY 253 TCTGTTGCTTTGTTGTGGGTT 273
Db 283 TCTCTCTTTTCTCTTTGGTT 303

RESULT 13

US-09-969-373-264/C
; Sequence 264, Application US/09969373
; Patent No. US2002013852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 264
; LENGTH: 281
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-264

Query Match 2.3%; Score 39; DB 10; Length 281;
Best Local Similarity 54.5%; Pred. No. 0.47;
Matches 78; Conservative 0; Mismatches 65; Indels 0; Gaps 0;

QY 1557 AAAGACATGAATGAAGTAGTTGAGTCAATGAGTATTATACACTAAGAAACCTCAGGTACT 1616
Db 196 AGAGAGATAAAAGATAAATTTATAACATTTATTATTGGACTAAACAAATTAAGGATAT 137
QY 1617 TGTAAATGAGATATCTTTTGTCTAAATGTGTATCATCAAAAGTAGTATGTAATCAATAT 1676
Db 136 TTTAAATGAAAATTAATCAATACAAAGAAATAATTAATAAGAGTTTCTGTAATAATGGACAA 77
QY 1677 GACAATCTCTTGGTGAAGATATTT 1699

Db 76 TAAATTTCTTAAAAATATT 54

RESULT 14

US-09-754-853A-4/c
; Sequence 4, Application US/09754853A
; Publication No. US20030005491A1
; GENERAL INFORMATION:
; APPLICANT: Hauge, Brian M.
; APPLICANT: Parnelli, Laurence D.
; APPLICANT: Parsons, Jeremy D.
; APPLICANT: Wang, Ming Li
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; FILE REFERENCE: 38-10(15810)B
; CURRENT APPLICATION NUMBER: US/09/754,853A
; CURRENT FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 60/174,880
; PRIOR FILING DATE: 2000-01-07
; NUMBER OF SEQ ID NOS: 1119

SEQ ID NO 4
; LENGTH: 513509
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (11805)..(113968)..(114684)..(115204)
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(513509)
; OTHER INFORMATION: unsure at all n locations
; OTHER INFORMATION: Clone ID: 318013_region_A3
US-09-754-853A-4

Query Match 2.3%; Score 39; DB 9; Length 513509;
Best Local Similarity 54.5%; Pred. No. 50;
Matches 78; Conservative 0; Mismatches 65; Indels 0; Gaps 0;
QY 1557 AAGACATCAATGAGTAGTGGTCAATGAGTATATACATAAAGAACTCAGGTACT 1616
Db 269804 AGAGAGATAAAGATAATTTTAAACATTTATTATGAGTAAACAAATTAAGGATAT 269745
QY 1617 TGTAAATGAGATATCTTTGCTAAATGCTATCATCAAAAGTAGATTGTAAATTCATAT 1676
Db 269744 TTATTTGAATATCATCATCAAAAGATAATTAATTAAGAGTTTGTAAATGACAA 269685
QY 1677 GACAATCTCTTGGTAGAATATT 1699
Db 269684 TAAATTTCTTAAAAATATT 269662

RESULT 15

US-10-184-644-346
; Sequence 346, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC227
; CURRENT APPLICATION NUMBER: US/10/184,644
; CURRENT FILING DATE: 2002-05-28

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 346
; LENGTH: 671
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-184-644-346

Query Match 2.2%; Score 38.8; DB 9; Length 671;

Best Local Similarity 7.7%; Pred. No. 0.92;
Matches 32; Conservative 156; Mismatches 225; Indels 2; Gaps 1;
QY 390 TGGGAGATCAAGAAGGTGGGAGACAAAGTGGAAATTTGGCTCTTTAATTCGTATCC 449
Db 151 DNSGLKRKTPALKMSVSKRARKASSDLQASVSPSEENSESEKTSQDFTPEKKA 210
QY 450 AAGATATTTCATCTTGGGTGGATCAAGAAGTCAAGAAAGGAGGAGACACATTTCTCTAGATC 509
Db 211 AVRAPRRGPLGGRKKKAPASDSKADSGAKPPVAMARSAS--SSSSSSSSSDSV 268
QY 510 CAGTTTGGTGTAGCCAGCTGGAGAAATGACTGTGTCTATCAGAGAAAGGAGTATGA 569
Db 269 SVKKPPRGRKPAEKPLPKPRGRKPKPERPPSSSSSDSDSEVDRISEWKRRDEARRRELE 328
QY 570 TGTGTATTAAAGCAGGAGCTTTAGTGAAGAGGAGCAGCTGAGATCTACCGATGATTAGA 629
Db 329 ARRRREQEELRLRREQEKEERERRRERADRGAEARGSGGSGDELREDDPEPVKKRKG 388
QY 630 AGTGAAGCCGGATATTGTTTCCAGGGAATTTGGCTTGTTCAGTGAAGCATATGATCG 689
Db 389 RGRPPSSSDSEPEALEEREAKKSARKPOSSSTEPAKPGQKEKRVPRPEKQOAKPVKE 448
QY 690 TTGTGGCGAAGTATGTGCAGAGTATGCAGAGATATGCAGAGATTTTACTTAGGAACCAAGTAATGAC 749
Db 449 RTRKSEGFMSMDRKVEKKKEPSVEEKLOKLHSEIKFALKVDSPDVKRCLNLEELCTQV 508
QY 750 CCCAGAGAGAGAGAGCTATCTGGCAATATATGTGTGTCGAGGAGAGACGAT 804
Db 509 TSOILQKNTDVTATLKIRRYKANKDVMKAAEVYTRLSRVLPKRIEAVQKYNK 563

Search completed: April 5, 2003, 03:12:02
Job time : 632 secs